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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Jiro Nagaoka

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7590

03/09/2005

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EXAMINER

TAYLOR, APRIL ALICIA

ART UNIT

PAPER NUMBER

2876

DATE MAILED: 03/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/763,523

Applicant(s)

NAGAOKA ET AL.

Examiner

April A. Taylor

Art Unit

2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 September 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 42-60 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 54-57 is/are rejected.
- 7) ☒ Claim(s) 42-53 and 58-60 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Receipt is acknowledged of the Preliminary Amendment filed 09 September 2004, canceling claims 1-41 and adding claims 42-60.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 04 June 2004 has been entered.

Claim Objections

3. Claims 42-56 and 58-60 are objected to because of the following informalities:
Re claim 42: Substitute "which is capable of" with -- for -- (see line 3).
Re claim 43: Substitute "which is capable of" with -- for -- (see line 3).
Re claim 44: Substitute "which is capable of" with -- for -- (see line 3).
Re claim 45: Substitute "which is capable of" with -- for -- (see line 3).
Re claim 54: Substitute "which is capable of" with -- for -- (see line 13).
Re claim 56: Substitute "which is capable of" with -- for -- (see line 8).
Re claim 58: Substitute "which is capable of" with -- for -- (see line 7).

Re claim 58: Substitute "which is possible to wireless" with -- which wirelessly --
(see pg 8, line 6).

Re claim 59: Delete "capable of" (see line 4).

(Note: Claims 46-53, 55, and 60 are objected to since they are dependent upon
objected claims)

Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that
form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by
another filed in the United States before the invention by the applicant for patent or (2) a patent
granted on an application for patent by another filed in the United States before the invention by the
applicant for patent, except that an international application filed under the treaty defined in section
351(a) shall have the effects for purposes of this subsection of an application filed in the United States
only if the international application designated the United States and was published under Article 21(2)
of such treaty in the English language.

5. Claims 54-57 are rejected under 35 U.S.C. 102(e) as being anticipated by Yokota
et al (US 5,847,662).

Re claim 54, 56, and 57: Yokota et al teaches a contactless reader/writer 200
comprising a radio transceiver circuit having at least one antenna, the antenna having a
coverage at predetermined portion within the housing or a coverage to the outside
direction of the housing; a media bearing member; a control section for controlling the
read and write of digital information with respect to the media at the predetermined

portion or another media at external of the housing through the radio transceiver circuit, and for controlling transfer of digital information between an external electronic circuit and the media at predetermined portion. (See figure 1; col. 3, line 51 to col. 4, line 57)

Re claim 55: Yokota et al teaches wherein the radio transceiver circuit comprises a first transceiver circuit for wireless transmitting and receiving between the media and a second transceiver circuit for wireless transmitting and receiving between another media (see figure 1; col. 3, line 51 to col. 4, line 57).

Allowable Subject Matter

6. Claims 42-53 and 58-60 are allowable over prior art.

7. The following is a statement of reasons for the indication of allowable subject matter: The prior art of record, taken alone or in combination, fail to teach or fairly suggest, in conjunction with other limitations in the claims, a contactless reader/writer comprising a movable media bearing member for bearing a plurality of contactless IC media each having a digital information recording region on the same plane at the same time; and a displacement mechanism that displaces the media bearing member on the plane so that a specific one of the plurality of contactless IC media approaches the specific position; and wherein the digital information is received and transmitted between the specific contactless IC media and the antenna.

Furthermore, the prior art of record, taken alone or in combination, fail to teach or fairly suggest, in conjunction with other limitations in the claims, a contactless reader/writer comprising a radio transceiver circuit having a plurality of antennas; and a

control section for enabling access to another media disposed at external of the housing based on the information recorded in the media which wirelessly communicate through any antenna of the radio transceiver circuit and which is of a plurality of media born by the media bearing member, or for allowing the information to be taken from another media in the media born by the media bearing member through any antenna of the radio transceiver circuit.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Fujioka (US 6,040,786) discloses a contactless reader/writer; Suga et al (US 6,427,065) discloses an information communication system using IC card; Rozin (US 6,173,899) discloses a system for contactless data exchange between a terminal and IC card; and Kenneth et al (US 5,594,233) discloses a multiple standard smart card reader.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to April A. Taylor whose telephone number is (571) 272-2403. The examiner can normally be reached on Monday - Friday from 6:30AM - 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (571) 272-2398. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Communications via Internet e-mail regarding this application, other than

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those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [april.taylor@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


AAT

07 March 2005



**THIEN M. LE
PRIMARY EXAMINER**